

Vibration damper, particularly for washing machines.

Patent number: DE3725100
Publication date: 1989-02-09
Inventor: BAUER HANS-PETER (DE); BAUER HANS JUERGEN (DE); STADELMANN LUDWIG (DE)
Applicant: BAUER FRITZ & SOEHNE OHG (DE)
Classification:
- international: **D06F37/20; F16F7/09; D06F37/20; F16F7/00;** (IPC1-7): D06F37/20; F16F7/08
- european: D06F37/20; F16F7/09
Application number: DE19873725100 19870729
Priority number(s): DE19873725100 19870729

Also published as:



EP0301190 (A1)



EP0301190 (B1)

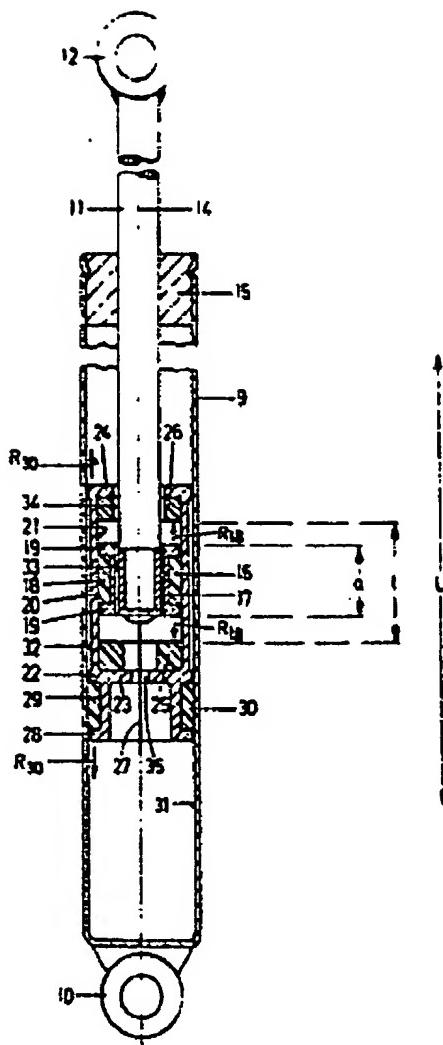
[Report a data error here](#)

Abstract not available for DE3725100

Abstract of corresponding document: **EP0301190**

A vibration damper designed as a frictional damper, particularly for washing machines with a horizontal drum axis which are drivable at a subcritical washing speed and a supercritical spinning speed, has a cylindrical housing (9), an inner housing arranged displaceably in this and designed as a piston carrier (22), and a piston rod (11), on the inner end of which is provided a frictional piston (18) bearing against the inner wall (21) of the piston carrier (22). Attached to the piston carrier is a frictional piston (28) which bears against the inner wall (21) of the housing (9). The frictional force (R18) between the frictional piston (18) located on the piston rod (11) and the inner wall (21) of the piston carrier (22) is lower than the frictional force (R30) between the frictional piston (28) formed on the piston carrier (22) and the inner wall (31) of the housing (9). The purpose of this design is to achieve as simple a construction as possible of a vibration damper, which at the same time results in highly efficient damping.

FIG.3



Data supplied from the **esp@cenet** database - Worldwide